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- (71) Applicant (*for all designated States except US*):  
**PERKINELMER LIFE SCIENCES, INC.** [US/US];  
549 Albany Street, Boston, MA 02118 (US).
- (72) Inventors; and
- (73) Inventors/Applicants (*for US only*): **JOSEPH, Richard, Abraham** [US/US]; 50 Brad Road, Stoughton, MA 02072 (US). **DIMEO, James, Joseph** [US/US]; 442 Central Avenue, Needham, MA 02494 (US).
- (74) Agents: **GOLDSTEIN, Avery, N.** et al.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Ste 400, Birmingham, MI 48009 (US).
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(54) Title: REAL-TIME DETECTION OF NUCLEIC ACID REACTIONS

(57) Abstract: A process is provided for using oligonucleotide to which a detectable moiety is attached post-synthesis. A metal-containing fluorescent compound affords real-time detection of nucleic acid elongation, amplification, or hybridization. The process is especially advantageous since a detectable moiety is readily attached to an existing oligonucleotide at an internal nucleotide, rather than being limited to attachment at a 3' or 5' terminus.

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